AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1	1. – 2.	(Cancelled)
1	3.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task	; and
4		a component including an anchor actuatable by the element.
1	4.	(Cancelled)
1	5.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task,	
4		wherein the element includes a sand screen.
1	6.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
1		a shock absorber including the element.
l	7.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
1	. • •	a releasable connector mechanism including the element.
	· 8.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task	; and
ļ		an explosive component including the element.

1	9.	(Original) The apparatus of claim 8, wherein the explosive component includes a
2	shaped charge	<u>.</u>
1	10.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task; and	
4 ⁻		a weak point connector including the element.
1	11.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		a carrier line; and
3		a tool carried by the carrier line for deployment into the wellbore, comprising:
4		an element formed of a superplastic material to perform a predetermined
5	downhole task; and	
5		a heating device to heat the element to a temperature sufficient to cause
7	the element to exhibit superplastic behavior.	
1	12. – 27. (Cancelled)	
1	28.	(Currently Amended) The apparatus of claim 27, An apparatus for use in a
2	wellbore, com	<u>iprising:</u>
3		an element formed of a superplastic material to perform a predetermined
1	downhole task	c; and
5		a component including a seal engageable with the element, wherein the element is
5 .	adapted to trai	nslate the seal into engagement with a downhole structure, wherein the apparatus
7	comprises a pa	acker.

1	29.	(Currently Amended) The apparatus of claim 27, An apparatus for use in a
2	wellbore, comprising:	
3		an element formed of a superplastic material to perform a predetermined
4	downhole task; and	
5		a component including a seal engageable with the element, wherein the element is
6	adapted to tra	nslate the seal into engagement with a downhole structure, wherein the apparatus
7	comprises a p	atch.
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1	30.	(Currently Amended) The apparatus of claim 27, further comprising An
2	apparatus for	use in a wellbore, comprising:
3		an element formed of a superplastic material to perform a predetermined
4	downhole task	<u>ς</u>
5		a component including a seal engageable with the element, wherein the element is
5	adapted to trai	nslate the seal into engagement with a downhole structure; and
7		a carrier line and a tool carried by the carrier line for deployment into the well,
3	wherein the to	ol comprises the element formed of the superplastic material and the component
)	including the	seal, the tool further comprising a heating device to heat the superplastic material
)	to a temperatu	re such that the element exhibits superplastic behavior.
l	31.	(Previously Presented) The apparatus of claim 30, further comprising a piston
2 .	adapted to cau	se translation of the element.
l	32.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task	•
1		a component including a seal engageable with the element, wherein the element is
5	adapted to tran	slate the seal into engagement with a downhole structure; and
5		a heating device to heat the superplastic material to a temperature such that the
7	element exhibit	its superplastic behavior,
3		wherein the heating device comprises a propellant.

1	33.	(Currently Amended) The apparatus of claim 2, further comprising An apparatus
2	for use in a wellbore, comprising:	
3		an element formed of a superplastic material to perform a predetermined
4	downhole tas	<u>k;</u>
5		a component including a seal engageable with the element; and
6		a conduit, wherein the element comprises a plug to block fluid flow in a bore of
7	the conduit.	
1	34.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task;	
4		a component including a seal engageable with the element;
5		a conduit, wherein the element comprises a plug to block fluid flow in a bore of
5	the conduit; and	
7		a port to communicate fluid pressure to deform the plug inwardly to enable
3	movement of	the plug.
l	35.	(Previously Presented) The apparatus of claim 3, wherein the component
2	comprises a p	acker including the anchor.
l	36.	(Previously Presented) The apparatus of claim 35, wherein the packer further
2	comprises a seal,	
3		wherein the element comprises one or more sleeves attached to the anchor and the
.	seal, the one of	or more sleeves adapted to translate the anchor and seal into engagement with a
5	downhole stru	icture.

1	37.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		a carrier line; and
3		a tool carried by the carrier line for deployment into the wellbore, comprising:
4		an element formed of a superplastic material to perform a predetermined
5	downhole tasl	ζ,
5		wherein the element is selected from the group consisting of a casing, a
7	liner, a tubing	, and a pipe; and
3		a heating device to heat the element to a temperature such that the element
)	exhibits super	plastic behavior.
1	38.	(Previously Presented) The apparatus of claim 5, further comprising a heating
2	device to heat	the sand screen to a temperature such that the sand screen exhibits superplastic
3	behavior.	
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l	39.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task	x; and
1		a heating device to heat the element to a temperature sufficient to cause the
5	element to exl	nibit superplastic behavior,
5		wherein the heating device comprises a propellant.
	40. – 4	1. (Cancelled)
l	42.	(Previously Presented) An apparatus for use in a wellbore, comprising:
2		an element formed of a superplastic material to perform a predetermined
3	downhole task;	
1		a junction seal assembly comprising the element; and
5		a heating device to heat the element to a temperature sufficient to cause the
5	element to exhibit superplastic behavior,	
7		wherein the heating device comprises a propellant.

- 43. (Previously Presented) The apparatus of claim 42, wherein the element comprises 1 one of a tubing and pipe to be inserted into a lateral wellbore. 2 (Currently Amended) The apparatus of claim [[2]] 5, wherein the superplastic 44. material exhibits elongation to failure in excess of 200%. 2 (Currently Amended) The apparatus of claim [[2]] 5, wherein the superplastic 45. ŀ material has a fine equi-axed grain structure that remains stable during deformation. 2 46. (Previously Presented) The apparatus of claim 45, wherein a grain size of the fine 1 2 equi-axed grain structure is in a range of 2 to 10 micrometers. 47. (Previously Presented) The apparatus of claim 3, wherein the superplastic material exhibits elongation to failure in excess of 200%. 2
- 1 48. (Previously Presented) The apparatus of claim 3, wherein the superplastic material has a fine equi-axed grain structure that remains stable during formation.
- 1 49. (Previously Presented) The apparatus of claim 48, wherein a grain size of the fine equi-axed grain structure is in a range of 2 to 10 micrometers.